

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**



Declaration
Submitted
with Initial
Filing

OR



Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Dock t Number

555255012 367

First Name d Inventor

Samuel A. TILLER

COMPLETE IF KNOWN

Application Number

/

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INTEGRAL MIXER AND OSCILLATOR DEVICE

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

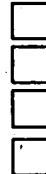
Prior Foreign Application
Number(s)

Country

Foreign Filing Date
(MM/DD/YYYY)

Priority
Not Claimed

Certified Copy Attached?
YES NO



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EV 243780352 US deposited 10/23/2003

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number OR ☒ Correspondence address below

David B. Cochran, Esq.
Name

Jones, Day, Reavis & Pogue
Address **North Point, 901 Lakeside Avenue**

Cleveland City	Ohio State	44114-1190 ZIP
USA Country	(216) 586-3939 Telephone	(216) 579-0212 Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventor

Samuel A.
Given Name
(first and middle [if any])

TILLER
Family Name
or Surname

**Inventor's
Signature**

Date

Ottawa Residence: City	Ontario State	CANADA Country	Canadian Citizenship
----------------------------------	-------------------------	--------------------------	--------------------------------

295 Phillip Street
Mailing Address

Waterloo City	Ontario State	N2L 3W8 ZIP	CANADA Country
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NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any])

Family Name
or Surname

**Inventor's
Signature**

Date

Residence: City	State	Country	Citizenship
------------------------	--------------	----------------	--------------------

Mailing Address

City	State	ZIP	Country
-------------	--------------	------------	----------------

☐ Additional inventors are being named on the ____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Applicati n Number	
Filing Date	
First Named Inventor	Samuel A. TILLER
Title	INTEGRAL MIXER...
Group Art Unit	
Examiner Name	
Attorney Docket Number	555255012 367

I hereby appoint:

☐ Practitioners at Customer Number →

Place Customer
Number Bar Code
Label here

OR
☒ Practitioner(s) named below:

Name	Registration Number
Krishna K. Pathiyal, Esq.	44435
Robert C. Liang, Esq.	48091
Please see attached sheet	

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number →

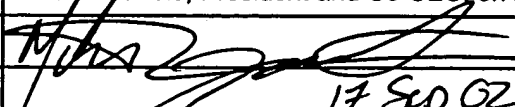
Place Customer
Number Bar Code
Label here

OR

<input checked="" type="checkbox"/> Firm or Individual Name	David B. Cochran, Esq.				
Address	Jones, Day, Reavis & Pogue				
Address	North Point, 901 Lakeside Avenue				
City	Cleveland	State	Ohio	Zip	44114
Country	USA				
Telephone	(216) 586-3939	Fax	(216) 579-0212		

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	Mihal Lazaridis, President and Co-CEO, on behalf of Research In Motion Limited
Signature	
Date	17 SEP 02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 2 forms are submitted. (PTO/SB/81 (02-01) and "Supplemental Page Listing Additional Agents of Record")

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EV 243780352 US deposited 10/23/2003

555255012367

INTEGRAL MIXER AND OSCILLATOR DEVICE

*** SUPPLEMENTAL PAGE LISTING ADDITIONAL AGENTS OF RECORD**

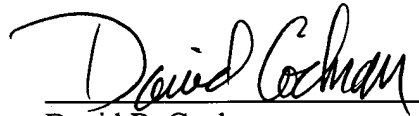
ADAMO, Kenneth R., Reg. No. 27,299
ARNDT, Barbara E., Reg. No. 37,768
BIERNACKI, John V., Reg. No. 40,511
COCHRAN, David B., Reg. No. 39,142
COOPER, Lorri W., Reg. No. 40,038
FAY, Regan J., Reg. No. 26,878
FEELING, F. Drexel, Reg. No. 40,602
FRANZ, Paul E., Reg. No. 45,910
GRIFFITH, Calvin P., Reg. No. 34,831
MAIORANA, David M., Reg. No. 41,449
O'HEARN, Timothy J., Reg. No. 31,552
ROSE, Mitchell, Reg. No. 47,906
SAUER, Joseph M., Reg. No. 47,919
SCANLON, Stephen D., Reg. No. 32,755
SERRA, Wayne M., Reg. No. 51,138
SHEAFFER, Jenny L., Reg. No. 45,099
SWITZER, H. Duane, Reg. No. 22,431
VARY, Michael W., Reg. No. 30,811
WAMSLEY, III, James L., Reg. No. 31,578

all of JONES, DAY, REAVIS & POGUE

North Point
901 Lakeside Avenue
Cleveland, Ohio 44114
US

37 CFR 3.73(b) STATEMENT

Attached is a copy of the Assignment of the previous application showing the chain of title from the inventor(s) to the assignee.



David B. Cochran
Registration No. 39,142
Attorney for Assignee

"Express Mail" Mailing Label No. EV 243780352 US

Date of Deposit 10/23/2003

I hereby certify that this paper or fees is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

By 



UNITED STATES
PATENT AND
TRADEMARK OFFICE

**CORRECTED
NOTICE**

JANUARY 21, 2003

PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.gov

JONES, DAY ET AL
DAVID B. COCHRAN, ESQ.
901 LAKESIDE AVENUE
NORTH POINT
CLEVELAND, OH 44114



102337204A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/25/2002

REEL/FRAME: 013332/0913
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
TILLER, SAMUEL A.

DOC DATE: 04/09/2002

ASSIGNEE:
RESEARCH IN MOTION LIMITED
295 PHILLIP STREET
WATERLOO, ONTARIO N2L 3W8

SERIAL NUMBER: 10254332
PATENT NUMBER:

FILING DATE: 09/25/2002
ISSUE DATE:

PEARLENE FOSTER, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

**DOCKETED
COPY TO CLIENT**
(PUS-0623)

10-02-2002

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼



102238286

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Samuel A. TILLER

9.25-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: April 9, 2002

2. Name and address of receiving party(ies)

Name: Research In Motion Limited

Internal Address: _____

Street Address: 295 Phillip Street

City: Waterloo State: ON Zip: N2L 3W8

Additional name(s) & address(es) attached? ☐ Yes ☒ No10/25/02
102238286
PTO

4. Application number(s) or patent number(s):

09/17/02

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

mm/dd/yy

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Cochran, Esq.

Internal Address: _____

Jones, Day, Reavis & Pogue

North Point

Street Address: _____

901 Lakeside Avenue

City: Cleveland State: OH Zip: 44114

6. Total number of applications and patents involved: ☒ 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

501432 (ref. 555255012 367)

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David B. Cochran

Name of Person Signing

David B. Cochran
Signature9/25/02
DateTotal number of pages including cover sheet, attachments, and documents: ☒ 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

10/01/2002 BTOM11

00000085 501432

10254332

01 FC:581

40.00 CH

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

INTEGRAL MIXER AND OSCILLATOR DEVICE

and are the subject of a patent application prepared for filing with the United States Patent and Trademark Office attached hereto, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 555255012 367.


WHEREAS, RESEARCH IN MOTION LIMITED, a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA, N2L 3W8, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Jones, Day, Reavis & Pogue the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: April 9/02



Samuel A. Tiller

1872 Arizona Avenue
Ottawa, Ontario
K1H 6Z6
CANADA

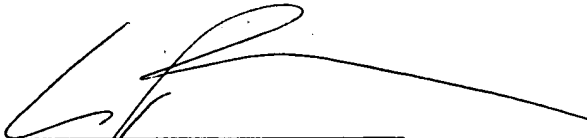
STATEMENT BY WITNESS

I, Luis Estable, whose full Post Office address is
(Name of Witness)

51 rue de l'Alouette, Hull, Quebec, J9A 3J3 CANADA
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: April 9 2002



(Signature of Witness)